Steven B. Lipner

Experience

1999 – Present, Microsoft Corporation

Mr. Lipner manages the Microsoft Security Response Team in Business and Enterprise Division Marketing. He serves as a public spokesperson for Microsoft's positions on system security, and as an advocate for security in Microsoft's products and processes. His team leads Microsoft's activities in security marketing, strategy, and response.

1997 - 1999: Mitretek Systems, Incorporated

Mr. Lipner joined Mitretek in May 1997 as director of the Systems Technology Center (STC). In this role, he supervised three departments and roughly 100 technical staff specialized in computer and network security, software systems, and software and project economics and costing.

While at Mitretek, Mr. Lipner upgraded the quality of the STC's management and staff and improved satisfaction among the division's customers. He used his experience and reputation in computer and network security to increase the quantity and quality of the division's business. Mr. Lipner brought Mitretek a contract to serve as Executive Agent for the U.S. Government's INFOSEC Research Council as well as contracts to evaluate new INFOSEC products, technologies, and architectures for U.S. Government clients.

Mr. Lipner served as chair of Mitretek's Information Security Committee, and was responsible for protecting Mitretek's information systems from abuse by employees and outsiders.

1994 - 1997: Trusted Information Systems, Incorporated

Mr. Lipner joined Trusted Information Systems (TIS) in 1994 as a vice president responsible for computer and network security consulting to commercial and government customers, and for TIS's emerging Internet firewall business. Under Mr. Lipner's leadership, the firewall business grew from 1993 revenues of a few tens of thousands of dollars to over $12 million in 1996. The Gauntlet firewall business was the basis for TIS's successful initial public offering in late 1996.

Mr. Lipner managed the software development, product management, marketing, and support groups that were responsible for the TIS Gauntlet family of Internet security products. The Gauntlet firewall software won numerous awards and editorial citations for security, quality, and performance, and was adopted by many Fortune 500 companies and government agencies.

In addition to managing the firewall business, Mr. Lipner led the development of TIS's security consulting business into an independent multi-million dollar product line and participated in key consulting engagements. He was also the primary inventor of the TIS cryptographic key recovery technology that allowed U.S. companies to export strong encryption products worldwide.

1992 - 1994: The MITRE Corporation

Mr. Lipner served as Director of Information Systems in MITRE's Center for Information Systems. He was responsible for strategy, technology programs, and consulting to key clients. While at MITRE, Mr. Lipner led a number of teams that reviewed software developments in MITRE's internal information systems organization and at key external clients.

1981 - 1992: Digital Equipment Corporation

As Group Engineering Manager, Mr. Lipner led Digital's Secure Systems Group, which developed a variety of computer and network security products, and provided guidance in security technology across Digital. The group's development projects included an A1 secure operating system, a network encryption product set, a public key-based authentication system and a cross-platform networked security management system. Mr. Lipner was instrumental in the development of the Digital Distributed System Security Architecture (DSSA) whose features foreshadowed many of the features of modern PKI-based architectures.

Mr. Lipner served as a member of the Digital task force that oversaw the security of Digital's corporate networks, and developed security tools, standards, and policies. He was a member of the task force that responded to external security incidents involving Digital's products. Mr. Lipner was Digital's spokesman on public policy matters pertaining to computer and network security and was one of the four initial industry members of the U. S. National Computer Systems Security and Privacy Advisory Board.

1969 - 1981: The MITRE Corporation

Mr. Lipner led research and advanced development projects whose products are the basis of much of today's computer security technology. He oversaw the development of the Bell-LaPadula mathematical model for secure computer systems and of a prototype operating system security kernel. Mr. Lipner led teams that supported the acquisition and deployment of a variety of computer-based systems and served as a manager in a number of MITRE departments.

Education

Program for Management Development, Harvard Business School, 1989
S.M., 1965; S.M., 1966, Civil Engineering, Massachusetts Institute of Technology

Technical Publications and Patents

Mr. Lipner has published numerous papers in technical journals and conference proceedings. He has spoken on computer and network security at conferences and symposia in the United States and abroad. He is named as coinventor on eight U.S. patents, and one pending application.